



JCO7 C'd PCT/PTO 11 FEB 2002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Philippe Steiert et al.

Serial No.: 09/936,962

Filed: September 18, 2001

Title: MULTI-CHIP MODULE

Docket No.: FRR-12671

RECEIVED
MAY 31 2002
TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE STATEMENT

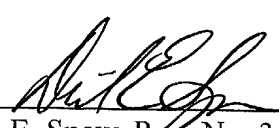
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with Rule 56, applicants are aware of the publications listed in the International Search Report (Copy enclosed) and in the enclosed copy of Patent Office Form PTO/SB/08A. A copy of each of the publications is enclosed herewith.

Respectfully submitted,

RANKIN, HILL, PORTER & CLARK LLP

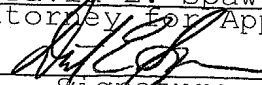
By 
David E. Spaw, Reg. No. 34732

700 Huntington Building
925 Euclid Avenue
Cleveland, Ohio 44115-1405
(216) 566-9700
Customer No. 007609

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

David E. Spaw
Name of Attorney for Applicant(s)

1/9/02
Date


Signature of Attorney

+

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/936,962
Filing Date	September 18, 2001
First Named Inventor	Philippe Steiert
Group Art Unit	
Examiner Name	
Attorney Docket Number	FRR-12671

(use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Attorney Docket Number	FRR-12671
------------------------	-----------

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date	
Considered	

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



+

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

Complete if Known

Application Number	09/936,962
Filing Date	September 18, 2001
First Named Inventor	Philippe Steiert
Group Art Unit	
Examiner Name	
Attorney Docket Number	FRR-12671

APR OFFICE
Exam
Initial

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

INTERNATIONAL SEARCH REPORT

Int: donal Application No

PCT/EP 00/02404

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L25/16 H01L25/18 H01L25/065

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 575 892 A (MITSUBISHI ELECTRIC CORP) 29 December 1993 (1993-12-29) the whole document	1,2,16
A	EP 0 751 570 A (SIEMENS AG) 2 January 1997 (1997-01-02) the whole document	1-20
A	EP 0 697 732 A (FUJI ELECTRIC CO LTD) 21 February 1996 (1996-02-21) the whole document	1-20
A	EP 0 368 143 A (TELEFUNKEN ELECTRONIC GMBH) 16 May 1990 (1990-05-16) the whole document	1-20
	--- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

9 August 2000

Date of mailing of the international search report

18/08/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5518 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kirkwood, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 00/02404

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>✓ SHIGEKANE H ET AL: "HIGH POWER TRANSISTOR MODULES WITH INTELLIGENT FUNCTIONS" PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON POWER SEMICONDUCTOR DEVICES AND ICS, 1990, XP002058955 figure 6A</p> <p>-----</p>	1

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCT/EP 00/02404

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0575892 A	29-12-1993	JP 2854757 B JP 6005847 A DE 69325953 D DE 69325953 T US 5444297 A	03-02-1999 14-01-1994 16-09-1999 13-01-2000 22-08-1995
EP 0751570 A	02-01-1997	DE 29510335 U	24-08-1995
EP 0697732 A	21-02-1996	JP 8055956 A US 5604674 A	27-02-1996 18-02-1997
EP 0368143 A	16-05-1990	DE 3837975 A US 5159532 A	10-05-1990 27-10-1992